

Attorney Docket No.  
WIRO1220

Serial No. 10/032,806  
Customer ID: 38396

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IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A method of managing data stored in a queue in memory, the method comprising:  
reading data from a head of the queue;  
updating the location of a current head latest read pointer to a location corresponding to the end of the data;  
transferring the data to a destination; and then,  
upon receiving confirmation that the data transfer was successful, updating the location of a committed head read pointer to a location corresponding to the end of the data.
  
2. (Currently amended) A method of managing data stored in a queue in memory, the method comprising:  
reading data from a head of the queue;  
updating the location of a current head pointer to a location corresponding to the end of the data;  
transferring the data to a destination; and then,  
upon receiving confirmation that the data transfer was successful, updating the location of a committed head pointer to a location corresponding to the end of the data  
and  
as claimed in claim 1, further comprising:  
upon receiving no confirmation or a negative confirmation that the data transfer was

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successful, updating the location of the current head latest-read pointer to assume the location of the committed head read pointer.

3. (Currently amended) A method according to either preceding claim 1, further comprising: storing the current head latest-read pointer location and the committed head read pointer location, and using the current head latest-read pointer and the committed head read pointer to manage data subsequently read from a second queue.
4. (Currently amended) A method according to either of claims 1 or 2, further comprising:  
reading second data from the head of the queue;  
updating the location of a second current head latest-read pointer to a location corresponding to the end of the second data;  
transferring the second data to the destination; and,  
upon receiving confirmation that the transfer of the second data was successful,  
removing the second current head latest-read pointer from the location corresponding to the end of the second data.
5. (Currently amended) A method as claimed in claim 1, further comprising:  
writing received data to a tail of the queue;  
updating the location of a latest write current tail pointer to a location corresponding to the end of the data; and,  
upon receiving confirmation that the received data is correct, updating the location of a committed write tail pointer to a location corresponding to the end of the data.
6. (New) A method according to claim 2, further comprising: storing the current head

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pointer location and the committed head pointer location, and using the current head pointer and the committed head pointer to manage data subsequently read from a second queue.

7. (New) A method according to claim 2, further comprising:
  - reading second data from the head of the queue;
  - updating the location of a second current head pointer to a location corresponding to the end of the second data;
  - transferring the second data to the destination; and,
  - upon receiving confirmation that the transfer of the second data was successful, removing the second current head pointer from the location corresponding to the end of the second data.